

- [54] PROTECTIVE POWER FOLDBACK CIRCUIT FOR A POWER SEMICONDUCTOR

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- [58] **Field of Search** 361/18, 87, 93, 79,
361/86, 91; 323/22, 303; 330/207 P

- [56]
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[57] **ABSTRACT**

A protective power foldback circuit which protects a power semiconductor device from damage resulting from variations in load, supply voltage, and input drive power is disclosed. When the supply voltage exceeds a certain value, the drive power to the power device is reduced in an amount greater than that produced by the excess supply voltage thereby protecting the power device from the combined effects of load, supply voltage, and drive power.

15 Claims, 3 Drawing Figures

